OWNER'S MANUAL

MAVERICK® BY MOSSBERG

FOR 88™ AND 91™ MODEL PUMP ACTION SHOTGUNS

IMPORTANT "SAFETY WARNINGS" - NOTE THE SYMBOL

These safety warnings are for your protection as well as the safety of others. Disregarding information in this manual may result in serious injury or death.

Be certain this owner's manual is available for reference and is kept with this firearm if transferred to another party. If the manual is lost or misplaced, contact Maverick for a free replacement copy.

After performing any work on your firearm such as cleaning, adjustments, disassembly or installation of any accessory, the firearm should be re-checked for proper functioning before firing live ammunition.

Firearms are complicated mechanisms. Any modification, alteration, or improper fitting of parts may result in a dangerous malfunction, damage to the firearm and injury to the shooter and other persons. The firearm's owner must accept full responsibility for the correct reassembly and functioning of the firearm after any disassembly or replacement of parts.

If you do not understand any of the material in this manual or have any questions, contact a qualified gunsmith or Maverick directly.

Do not attempt to load or use any firearm until you read and understand the information contained in its owner's manual. Before handling your firearm, you should learn how it operates and how to maintain it. This includes knowing its basic parts, how the manual safety and other safety features operate, how to safely open and close the action and how to safely load and unload ammunition from the firearm. Improper use and handling is dangerous and could cause serious injury or death to you or those around you. All users of the firearm must become thoroughly familiar with the instructions in this manual.

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Safety and safe firearms handling is everyone's responsibility.

As the owner of a firearm, you must undertake the full-time responsibility of safe firearms handling for your own safety and the safety of those around you:

- Keep all firearms and ammunition out of the reach of children.
- Store your firearms and ammunition separately.
- Never store a loaded firearm.
- Never leave a loaded firearm unattended.
- Never transport a loaded firearm in a vehicle.
- Unload your firearm when you have stopped shooting and when you have to climb a tree, fence, cross a slippery surface or have to transport it in a vehicle.
- Do not load your firearm before you are in a place where it is safe to shoot, and keep your finger off the trigger until you are ready to shoot.
- Never shoot at water, rocks or any hard surfaces. Shot may glance off such surfaces and cause injuries.
- Do not use alcohol or drugs before or while handling firearms.
- Do not touch the trigger while the safety button is being engaged or disengaged.

Always point the muzzle of your firearm in a safe direction, regardless of whether the firearm is loaded or unloaded.

Always treat every firearm as if it were loaded. Give your firearm to someone with the action open (bolt fully rearward) and the safety button pushed fully to the right to the “ON” (SAFE) position after you verify the firearm is unloaded. Insist on the same procedure when receiving a firearm from someone else. Learn the location of all the safety features of your firearm and how they operate.

Wear eye and ear protection when shooting. Shooting without proper ear protection can cause hearing damage. The use of eye protection during any type of shooting is important to protect your vision.

Due to the heavy recoil of a shotgun, maintain an adequate distance between the rear of the scope and your face at all times.

We specifically disclaim any responsibility for damage or injury whatsoever occurring in connection with, or as a result of, the use of faulty, or non-SAAMI standard, or “remanufactured” or hand-loaded (reloaded) ammunition. Additionally, we disclaim any responsibility for damage or injury which results from any modifications or changes that are not a part of the firearm as delivered from the factory.

Learn to clean your firearm thoroughly and make certain no oil, grease or other materials are blocking the barrel. Obstructions of any kind can cause damage to the firearm resulting in personal injury.

Practice proper firearm maintenance and safety. Make sure all exposed metal surfaces are coated with a thin film of oil, especially after being exposed to damp weather. (See proper section of this manual for cleaning instructions.) Do not plug barrel or store in fabric-lined case which will absorb lubricants from the firearms. Before using after storage, follow complete instructions stated in this manual for refamiliarization with the firearm. A thorough inspection should be performed before going into the field. Have your gun periodically checked by a qualified gunsmith.

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OPERATING INSTRUCTIONS

Read and understand this entire manual and its safety warnings before handling this firearm.

MECHANICAL SAFETY

Never rely on any mechanical safety device to prevent the dangers of careless handling or pointing a firearm in an unsafe direction.

The safety is located at the front of the trigger guard (Fig. 2) and must be manually moved to the desired position by the shooter.

The safety is set in the “ON” (SAFE) position by pushing the button from the left side (side opposite the ejection port) so that it moves all the way to the right. The button must always be pushed fully to the right until it moves no further to be in the “ON” (SAFE) position.

Remember, a firearm’s manual safety is a mechanical device which can never replace safe firearm handling practices.

Moving the safety button fully to the left will put the safety in the “OFF” (FIRE) position.

The safety button is designed to function only as described above and should not be reversed. Do not attempt to remove or reverse the button. Doing so will result in an unsafe condition which can cause serious injury or death.

The safety button is marked with a red ring for training purposes as a reminder that moving it to the left with red showing is the “FIRE” position, moving it all the way to the right with red not showing is the “SAFE” position.

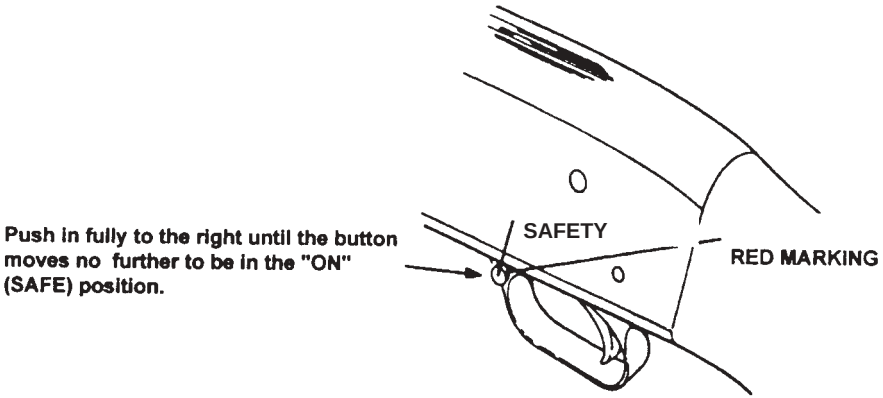


Fig. 2

ACTION RELEASE CONTROL

The action lock lever is located on the left side of the trigger housing just rearward of the trigger guard.

The action lock lever allows the action to be unlocked and opened for inspection or unloading without pulling the trigger. The action may be opened by depressing the lever and pulling the forearm rearward (Fig. 3).

NOTE: During firing, the action unlocks automatically after the hammer falls and the action can be cycled without depressing the action lock lever.

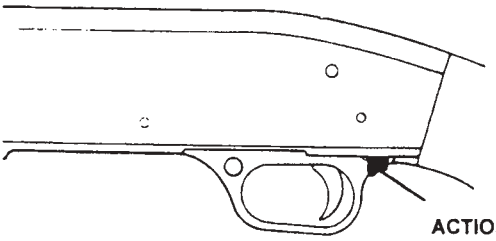


Fig. 3

BARREL ASSEMBLY

CAUTION: Never close the action or pull trigger while barrel is removed as damage could result to the firearm.

To facilitate shipping, some models are packaged with the barrel removed. To install the barrel in the receiver, proceed as follows:

Visually inspect the inside of the barrel to make certain it is free of any obstructions, excessive oil or grease before installation. If you are unable to remove all obstructions, bring the shotgun to a qualified gunsmith or ship it to the authorized Product Service Center. Failure to do so may result in firearm damage and/or personal injury if the shotgun is fired.

Move the safety button, fully to the right, to the “ON” (SAFE) position (Fig. 2).

All Models: Depress the action lock lever (Fig. 3) and move the forearm rearward until the front of the bolt is in the middle of the ejection port (Fig. 7).

88™ Models: Slide the barrel into the receiver and tighten the takedown screw, finger tight only. DO NOT use pliers or a wrench to tighten the takedown screw. A little space between the magazine tube and the takedown mount is normal (Fig. 4).

91™ Models: Unscrew the magazine/barrel cap by turning it counterclockwise.

The magazine spring exerts pressure on the retainer, use caution when assembling or disassembling.

Slide the barrel takedown mount ring over the magazine tube while guiding the barrel extension portion of the barrel into the receiver (Fig. 4).

Gently rotate the barrel back and forth while pushing the barrel into the receiver.

Tighten the magazine cap, finger tight only. DO NOT use pliers or a wrench to tighten magazine cap.

88 and 91 Models: Check to be certain that the barrel is fully seated into the receiver by looking through the ejection port.The barrel extension must rest firmly against the corresponding cut in the top of the receiver as shown in Figure 4.

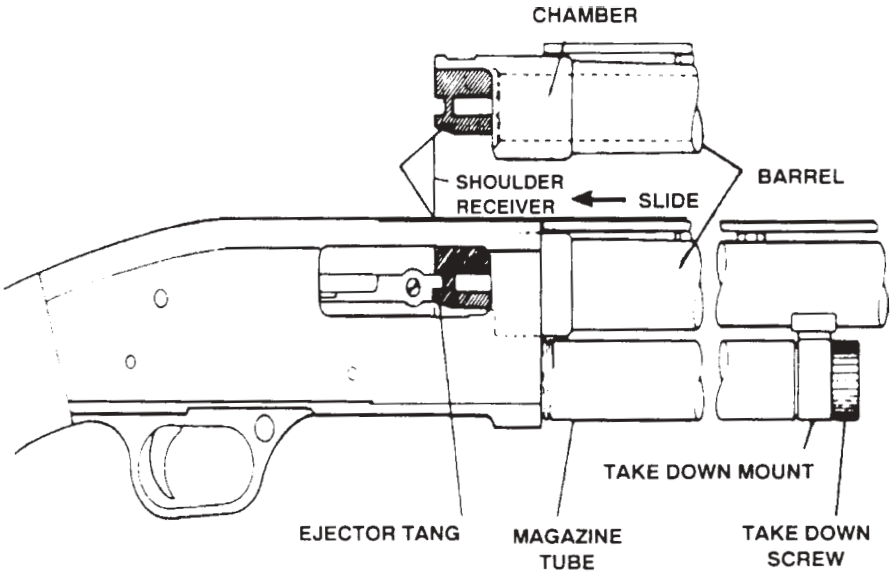


Fig. 4

MAGAZINE CAPACITY

88™ Models: Total ammunition capacity (including one in the chamber) is six (6) 2-3/4" shells. Depending upon ammunition tolerance variations, total capacity may be reduced by one round when using 3" shells.

91™ Models: Total ammunition capacity (including one in the chamber) is six (6) 2-3/4" or 3" or five (5) 3-1/2" shells.

NOTE: To comply with U.S. migratory bird laws, six shot models are shipped with a wooden dowel inserted in the magazine tube which limits magazine capacity to two (2) shells.

To remove the dowel, first remove the barrel. Point the shotgun downward and shake it back and forth lightly until the dowel protrudes from the takedown screw hole in the end of the magazine tube. A rubber "O" ring on the dowel prevents it from falling out accidentally. Grasp the dowel and pull it completely out.

To change back to a 2-shot magazine capacity insert the dowel through the center of the magazine spring so that it is positioned inside the coils of the spring.

LOADING

Before loading, move the safety button fully to the right, (Fig. 2) to the "ON" (SAFE) position.

During loading never allow fingers or any objects to contact the trigger. Keep the muzzle pointed in a safe direction at all times.

Depress the action lock lever (Fig. 3) and open the action by pulling the forearm completely rearward.

Inspect the chamber and bore of the barrel for any obstruction, excessive oil or grease. The chamber is the rear portion of the barrel which contains the cartridge (Fig. 4). Failure to do so may result in damage to the firearm and/or personal injury when the firearm is fired.

Do not load shotgun until ready for use! Unload shotgun when shooting has been completed! The safety button should always be in the "ON" (SAFE) position whether the firearm is loaded or not.

Check to be certain that the ammunition selected is the same type of cartridge as designated on the left side of the barrel.

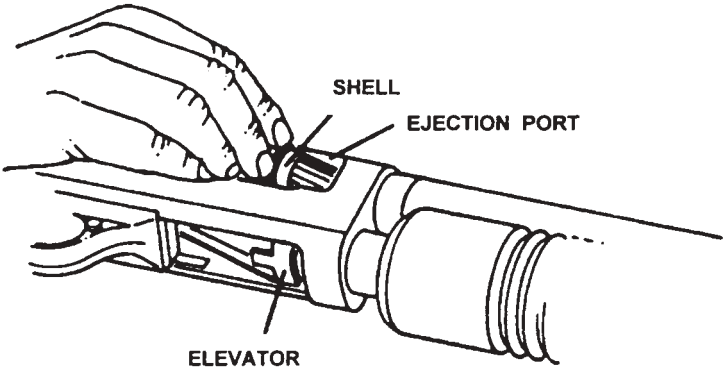


Fig. 5 -- Loading through the ejection port

If you wish to load the firearm with the maximum number of shells, or fire single shots, load the first shell through the ejection port located on the right side of the receiver (Fig. 5). The shell can be inserted directly into the chamber or placed on top of the elevator. Close the action by moving the forearm completely forward. Be sure to leave the safety "ON" until you are ready to shoot.

The shotgun is now loaded! The safety button should be in the "ON" (SAFE) position until you are on target and have actually decided to fire. Keep the muzzle pointed in a safe direction at all times, and your fingers and any other objects away from the trigger area.

LOADING MAGAZINE

Load the magazine tube by turning the shotgun so that the trigger guard is facing up and the action is closed. Push the front end of the shell into the magazine tube until the rim of the shell snaps past the cartridge stop (Fig. 6 & 9). Never attempt to exceed the magazine capacity.

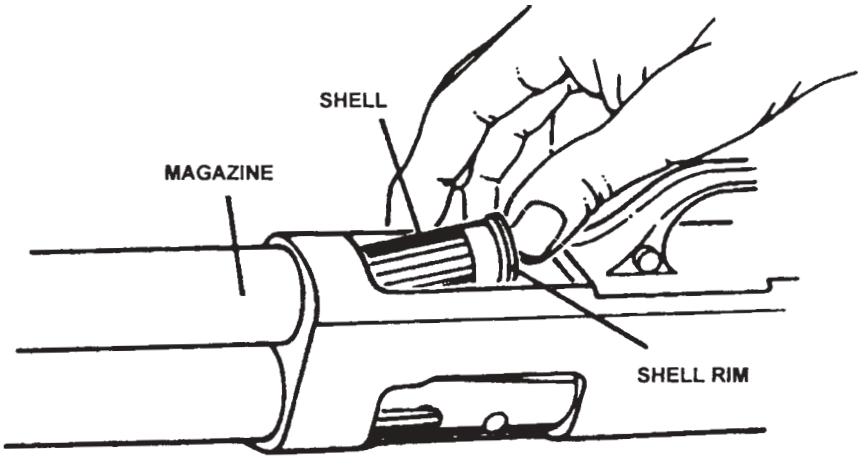


Fig. 6

FIRING

Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

With the shotgun pointed in a safe direction and held in the proper firing position, move the safety to its "OFF" (FIRE) position. Pulling the trigger through its full travel to the rear, will fire the shotgun.

Should the shotshell fail to fire, keep the shotgun pointed in a safe direction. Move the safety button to the "ON" (SAFE) position. Remove the misfired shotshell and segregate from other ammunition. Do not attempt to refire a misfired round.

If at any time during firing, the sound of any given round is noticeably louder or softer than previous rounds fired, STOP! Do not load or fire additional rounds until you have put safety in the "ON" (SAFE) position, then safely unload your firearm and inspect it for possible damage or obstruction in the chamber or bore.

CYCLING THE ACTION

To eject a shotshell case, pull the forearm completely rearward. The spent case or unfired shotshell will eject out of the receiver through the ejection port.

Be sure that all observers are clear of the path of ejection. Empty cases are thrown out with significant force and could cause injury.

To chamber a live shotshell from the magazine, push the forearm fully forward.

Remember: when the magazine tube is loaded and the action is cycled, a live shotshell will be chambered! Always keep the safety in the “ON” (SAFE) position until you are actually ready to fire the shotgun.

UNLOADING

Move the safety button (Fig. 2) to the “ON” (SAFE) position. During unloading, never allow fingers or any object to contact the trigger. Keep the muzzle pointed in a safe direction at all times.

Depress the action lock lever (Fig. 3) and pull the forearm rearward, slowly, until the live shotshell is completely withdrawn and visible in the ejection port. Remove shotshell by hand.

Continue pulling the forearm rearward to release the next shotshell onto the elevator.

Turn the shotgun so that the ejection port faces downward to allow the released shotshell to drop out through the ejection port.

Push the forearm completely forward, closing the bolt without a shell being chambered.
Turn the shotgun over so that the trigger guard is positioned upward.

Be certain that the shotgun remains pointed in a safe direction during unloading.

Insert your right thumb into the opening in the bottom of the receiver and depress the cartridge stop on the right side to release shotshells one at a time (Fig. 9). Repeat until all shotshells are removed from the magazine tube.

Depress the action lock lever and pull the forearm completely rearward. Visually and physically inspect chamber, elevator and magazine tube again to insure that no shotshells remain in the shotgun.

Leave the action in the open, rearward position and the safety button in the “ON” (SAFE) position.

DISASSEMBLY / BARREL REMOVAL

Position the safety button in the “ON” (SAFE) position and visually and physically check chamber, elevator and magazine to be certain the shotgun is unloaded. Wear eye protection during disassembly and cleaning.

Depress the action lock lever (Fig. 3) and open the action by sliding the forearm fully rearward.

Move the forearm slowly forward from the fully rearward position until the front of the bolt is in the middle of the ejection port (Fig. 7).

The **91™ Model** magazine spring retainer and spring are under significant spring pressure. Use caution should removal be necessary to prevent injury to yourself or others around you.

Loosen the **88™ Model** “take down screw”, or **91™ Model** “magazine cap”, by turning counterclockwise until the screw threads are completely disengaged from the end of the magazine tube (Fig. 7).

Remove the barrel from the receiver with a gentle back-and-forth rotational movement while pulling the barrel out of the receiver asssembly.

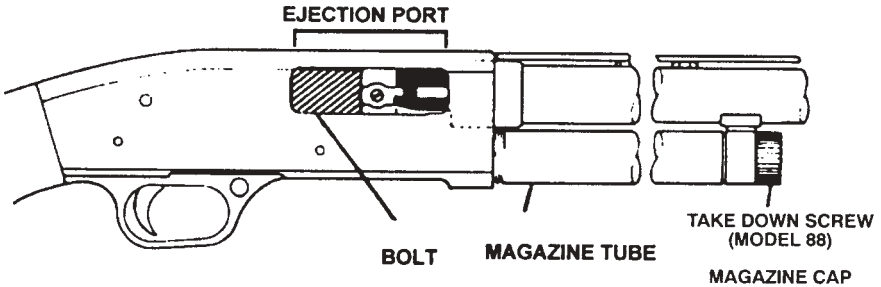


Fig. 7 -- Removal of barrel

TRIGGER HOUSING REMOVAL

Position the shotgun on a clean surface with the trigger guard upward. With a blunt object (no greater than 3/16" [4.76 mm] diameter), push out the small diameter trigger housing retainer pin located on the side of the receiver, approximately a 1/2" (12.7 mm) below the rear of the trigger guard (Fig. 8).

Remove the trigger housing assembly by lifting the rear portion upward first.

The trigger housing is a complex assembly and must not be disassembled. Disassembly should only be performed at an authorized Product Service Center or by a qualified gunsmith.

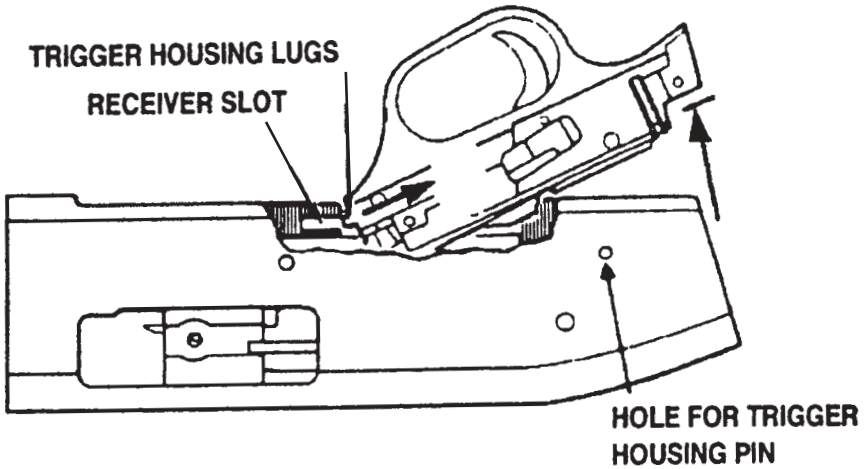


Fig. 8

Do not pull the trigger and allow the hammer to fall when the trigger housing assembly is removed from the receiver. To do so may result in personal injury or damage to the assembly.

CAUTION: Before performing any further disassembly, take time to study how the internal components are arranged inside the receiver.

DISASSEMBLY OF INTERNAL RECEIVER COMPONENTS

CAUTION: Pay special attention to the position of the bolt, bolt slide and action slide bar assembly during this portion of the disassembly, as the parts must be in the same relationship during reassembly.

Remove the cartridge interrupter from the ejection port side and cartridge stop from the opposite side. (It may be necessary to tap the sides of the receiver lightly to release these parts) (Fig. 9).

Move the forearm/action slide assembly rearward so that the bolt assembly and bolt slide are three quarters of the way rearward. When the bottom of the bolt slide is aligned with the clearance cuts in the sides of the receiver, lift the bolt slide upward and out of the receiver (Fig. 10).

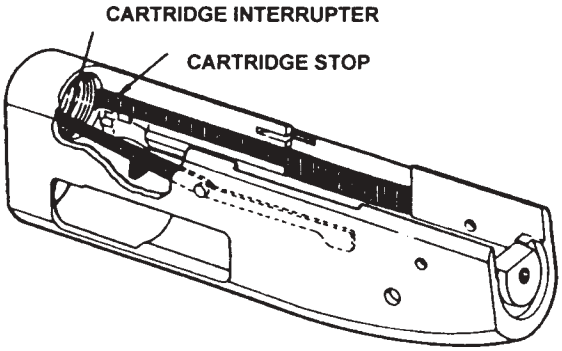


Fig. 9

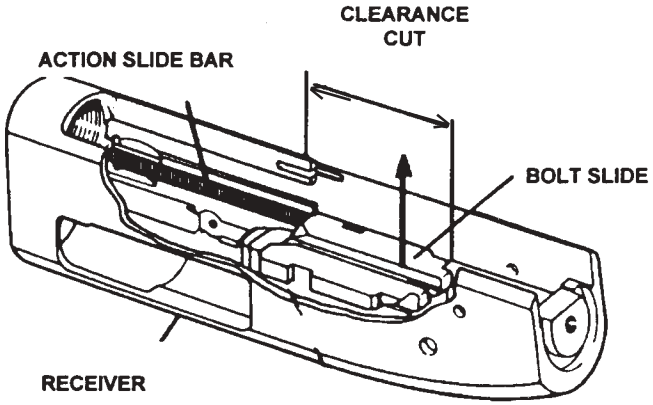


Fig. 10 – Bolt slide installation/removal

Remove the bolt assembly by sliding it forward and out of the receiver assembly through the barrel opening at the front of the receiver (Fig. 11-A).

Pivot the front portion of the elevator upward out of the receiver (Fig. 11-B). Squeeze the two arms, which form the open end of the elevator assembly together sufficiently to disengage and remove the elevator from the receiver (Fig. 11-C).

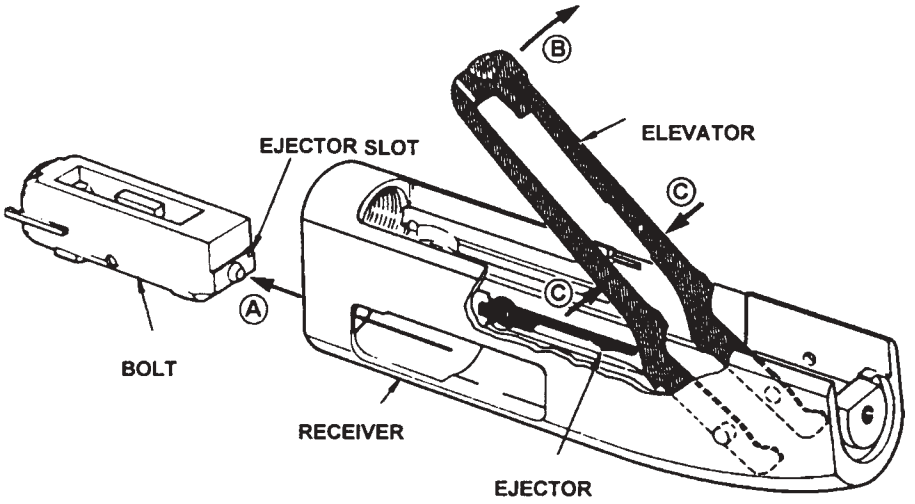


Fig. 11 -- Elevator removal

Remove the forearm/action slide assembly by sliding it forward and off the magazine tube.

CAUTION: Field disassembly is now complete! The shotgun should not be disassembled further for routine cleaning or maintenance. Further disassembly should only be performed at an authorized Product Service Center or by a qualified gunsmith.

CLEANING AND LUBRICATION

With proper maintenance and care, your Maverick® shotgun will provide you with years of dependable service. Your firearm should be inspected and cleaned periodically to insure that it remains in good condition. Clean your firearm as soon as possible after use. This is especially important if your firearm has been exposed to moisture. For maximum performance and continued satisfaction with your shotgun, periodic cleaning and lubrication are essential.

Follow the instructions and use the equipment provided with a quality firearm cleaning kit.

Always be sure that the safety button is in the “ON” (SAFE) position (Fig. 2) and that the firearm is unloaded before cleaning or lubricating your shotgun. Wear eye protection during cleaning.

Normal use requires only that the mechanisms be free of excessive shooting residue. Very little lubrication other than a light oiling of external surfaces to prevent rust is needed.

If the firearm is to be stored for a long period of time it should be thoroughly cleaned and oiled. Do not plug barrel or store in a fabric lined case that will absorb lubricant from the gun.

Scrub bore and chamber with solvent and follow with cleaning patches until barrel is clean. A final pass with a lightly oiled patch will provice a protective coating. Clean and remove any deposits in the barrel extension.

All metal parts should be cleaned with gun solvent and lightly lubricated with gun oil. Over lubrication should be avoided. Use only lubricants specifically designed for firearms. Avoid the use of abrasives which may damage the metal finish.

Be sure not to leave cleaning patches or excessive oil or grease in the bore as they can create dangerous obstructions, resulting in damage to the firearm and/or serious personal injury.

Camo guns: Caution should be exercised to avoid exposure of camouflage pattern to strong solvents.

BOLT AND TRIGGER HOUSING ASSEMBLIES

The bolt and trigger housing assemblies are complex assemblies and should not be disassembled except by a factory authorized Product Service Center, or qualified gunsmith.

Clean as complete assemblies with gun solvent and lightly lubricate with gun oil.

ASSEMBLY OF INTERNAL RECEIVER COMPONENTS

Place the receiver with the trigger housing opening upward on a clean surface.

Slide the forearm assembly onto the magazine tube while guiding the action slide bars into the corresponding cuts in the front of the receiver (Fig. 12).

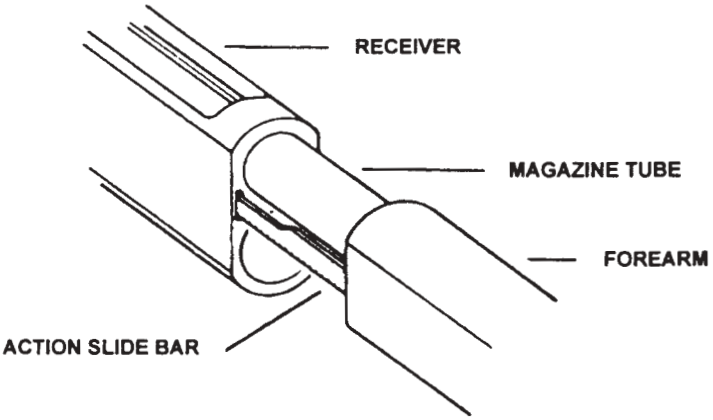


Fig. 12

Assemble the elevator by squeezing the arms together sufficiently to position them in the receiver so that the buttons on the elevator fit into the corresponding (1/4" [6.4 mm]) diameter holes in the receiver (Fig. 11).

Pivot the elevator so that the forward portion of the elevator is even with the outside edge of the cavity in the receiver.

Insert the rear of the bolt assembly, with its bolt lock downwards toward the front inside top of the receiver, into the barrel opening of the receiver. Depress the ejector (located in the side of the receiver opposite the ejection port) to allow the bolt assembly to slide fully rearward into the receiver.

The ejector must fit into the corresponding slot in the bolt (Fig. 11).

Push the elevator down until it rests against the bolt. Position the rear of the bolt assembly even with the rear of the clearance cuts in the sides of the receiver (Fig. 13-Ⓑ).

Position action bars so the notch on the bar is even with the cuts on the inside receiver wall (Fig. 13-Ⓐ).

The bolt slide should be positioned with the slotted side facing up, with notch to the rear (Fig. 13-1).

Assemble the bolt slide, lowering the front of the bolt slide first, the bolt slide protrusion fits into the corresponding cut on the bottom of the bolt lock and action bar slots (Fig. 13-1).

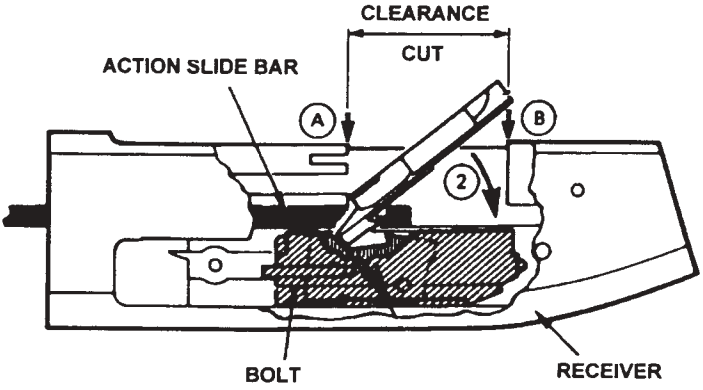


Fig. 13

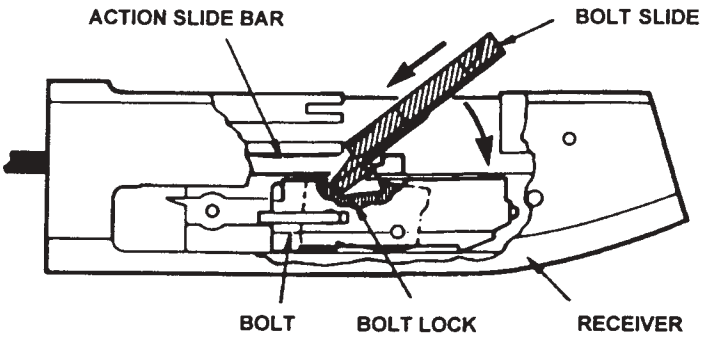


Fig. 13-1

Hold the bolt slide down and pull the forearm assembly forward. The bolt and bolt slide should move freely in their cuts in the receiver. If parts do not slide easily – **DO NOT FORCE** – disassemble and reassemble, paying attention to the relationship of the bolt, bolt slide and action slide bars.

Position the cartridge stop and cartridge interrupter in their proper places on the inside walls of the receiver (Fig. 9).

The hooks must face inward toward the center of the cavity away from the receiver walls.

TRIGGER HOUSING ASSEMBLY INSTALLATION

NOTE: Hammer must be in the fully-cocked position to allow the trigger housing to be inserted in the receiver.

Hold the cartridge stop and cartridge interrupter in place firmly against the receiver walls with one hand and grasp the trigger housing assembly with the other (Fig. 9).

Insert the lugs, on each side of the front corner of the trigger housing into the slots on each side of the receiver (Fig. 14), then ease the rear of the housing assembly down and into position (Fig. 14). **DO NOT FORCE!**

NOTE: If the trigger housing does not fit into place easily, check that all internal trigger housing pins are flush with the side of the housing and that the cartridge interrupter and cartridge stop are positioned properly.

Align the trigger pin hole in the housing asembly with those in the receiver. Insert the trigger housing pin and push in fully until flush with the side of the receiver (Fig. 14).

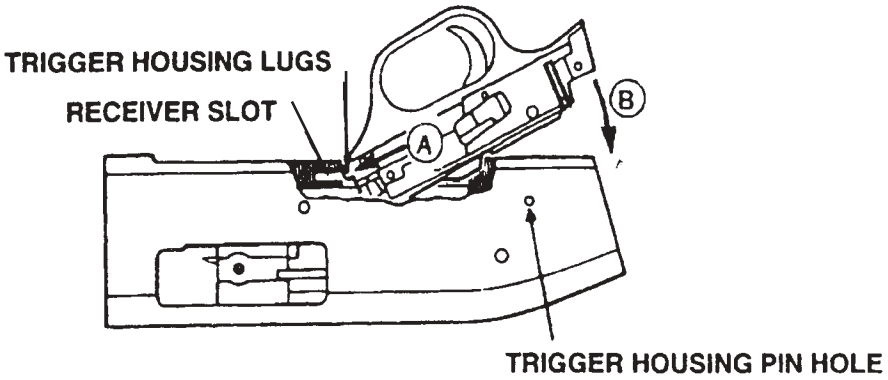


Fig. 14

FUNCTION TESTING

AFTER PERFORMING ANY WORK ON YOUR FIREARM SUCH AS CLEANING, DISASSEMBLY OR INSTALLATION OF AN ACCESSORY:

a. Move the safety button fully rearward to the "ON" (SAFE) position and keep muzzle pointed in a safe direction.

b. Open the action, visually and physically check chamber, elevator and magazine tube to be certain the firearm is unloaded.

Depress and hold the action lock lever (Fig. 3). Open and close the action several times to check for free movement of the action assembly.

Close the action (forearm fully forward) and leave the safety in the "ON" (SAFE) position. Pull the trigger rearward fully. The hammer should not fall (No Fire).

Remove your finger from the trigger. Move the safety to the "OFF" (FIRE) position.The hammer should not fall (No Fire).

Leave the safety in the "OFF" (FIRE) position.

Pull the trigger rearward. The hammer should fall (Fire).

Open the action by moving the forearm fully rearward. Move the safety fully to the right to the "ON" (SAFE) position.

IF YOUR FIREARM DOES NOT PERFORM AS DESCRIBED IN ANY OF THE ABOVE STEPS, CONTACT THE AUTHORIZED PRODUCT SERVICE CENTER IMMEDIATELY. DO NOT ATTEMPT TO USE THE FIREARM.

SIGHT ADJUSTMENTS - RIFLE SIGHT BARRELS

BEFORE MAKING ANY SIGHT ADJUSTMENTS:

a. Move the safety button fully to the right to the "ON" (SAFE) position and keep muzzle pointed in a safe direction.

b. Open the action, visually and physically check chamber, elevator and magazine tube to be certain the firearm is unloaded.

RIFLE SIGHT ADJUSTMENTS

Folding Style rear sight:

Elevation may be adjusted by loosening the small screw in the center of the rear sight leaf. This will allow the sight blade to be moved upward or downward as required.

Windage may be adjusted by moving the rear sight base to the left or right in the dovetail slot in the barrel. Place a wooden dowel or other object that will not damage the finish, against the side of the sight base. Tap the dowel with a hammer until the desired sight location is achieved.

Williams Style rear sight:

Elevation may be adjusted by loosening the smaller of the two screws on the rear sight leaf base. This will allow the sight leaf base to be raised or lowered by sliding the base up or down the rear sight ramp. Tighten screw after adjustment.

Windage may be adjusted by loosening the larger of the two screws and sliding the sight leaf left or right in the sight leaf base. Tighten screw after adjustment.

Remember: Move the rear sight in the same direction you would like the shot to move. For example, if the point of impact is low and left of the point of aim, move the rear sight upward and to the right.

ACCU, ACCU-STEEL CHOKE TUBES

BEFORE REMOVING OR INSTALLING ANY CHOKE TUBE:

a. Move the safety button fully to the right to the "ON" (SAFE) position and keep muzzle pointed in a safe direction.

b. Open the action, visually and physically check chamber, elevator and magazine tube to be certain firearm is unloaded.

Do not use bent or deformed tubes as these may result in tube or barrel damage or personal injury upon firing. Inspect tubes periodically to insure they are properly installed and in good condiiton. Pay special attention to the threaded end of the tube to be certain it is not deformed or dented.

Never fire the shotgun without a choke tube properly installed. Failure to do so will damage the precision threads on the inside of the barrel, and may cause damage to the barrel and personal injury.

CARE & CLEANING: The precision threads on your choke tube should be kept clean and lightly oiled at all times.

During cleaning of the barrel, be certain a choke tube is properly installed. This will avoid residue build-up on threads.

The "Improved Cylinder" choke tube will produce the best accuracy with most slugs.

ACCU CHOKE TUBES (88™ MODELS ONLY)

ACCU-CHOKE TUBES - are designed for Best Lead Shot Patterns. STEEL SHOT can be fired through Accu-choke tubes however, better steel shot patterns may be obtained by using ACCU-STEEL choke tubes.

To **remove** choke tube, loosen it with the choke wrench provided, turning counterclockwise. When loose, remove completely with fingers, put choke on a clean dry surface.

To **install** choke tube, first screw the tube clockwise into barrel by hand and then tighten the tube until snug with a choke wrench. Do not use excessive force when installing. Tube tightness should be checked periodically. Accu tubes fit competely inside the barrel when fully installed.

ACCU CHOKE TUBES

GAUGE	ITEM #	LEAD SHOT PATTERNS
12	95190	Full
12	95195	Modified
12	95200	Imp. Cylinder
12	95235	Skeet
12	95267	XX Full Turkey(lead only)
12	95245	Improved Modified

ACCU-STEEL™ CHOKE TUBES (88™ MODELS ONLY)

ACCU-STEEL TUBES - have been specifically designed for exceptional endurance and controlled patterning of steel shot.

These tubes will provide the best pattern results for the steel shot sizes stamped on each tube.

Lead shot may be used with ACCU-STEEL tubes; however, pattern tests should be made to compare the pattern change.

To **remove** choke tube, loosen with a choke wrench provided, turning counterclockwise. When loose, remove completely with fingers, put choke on a clean dry surface.

To **install** choke tube, first screw the tube clockwise into barrel by hand and then tighten the tube until snug with a choke wrench. Do not use excessive force when installing. Tube tightness should be checked periodically.

ACCU-STEEL tubes protrude beyond the muzzle and are designed specifically for **steel shot**. Choke designations are marked on each tube for specific steel shot sizes.

ACCU-STEEL™ CHOKE TUBES

GAUGE	ITEM #	STEEL SHOT PATTERNS
12	95110	Full forT,F,BB,#1,2
12	95115	Full for #4,6
12	95117	Extra-Full forT,F,BB,#1,2
12	95120	Modified for All Steel Shot Sizes

ACCU-MAG™ CHOKE TUBES (91™ MODELS ONLY)

ACCU-MAG choke tubes are internal, flush fitting choke tubes designed for use with LEAD and STEEL shot. Each durable tube is clearly marked, as a guide, with the lead and the steel shot pattern it will produce.

To **remove** a choke tube from the muzzle of the barrel, loosen with the choke wrench provided, turning it counterclockwise. When choke tube is loosened, remove it completely with fingers. Put choke tube on a clean, dry surface.

To **install** choke tube, screw the tube clockwise into the barrel by hand and then tighten the tube until snug with choke wrench. These tubes fit competely inside the barrel when properly installed. Do not use excessive force when installing. Tube tightness should be checked periodically.

12 GA. ACCU-MAG™ CHOKE TUBES (91™ MODELS ONLY)

ITEM #	LEAD SHOT PATTERN*	YDS	STEEL SHOT PATTERN	YDS
95256	Skeet	40	Skeet	40
95252	Imp. Cyl.	40	Mod. T&F	40
95253	Modified	40	Mod. #2 & BB	40
95254	Full	40	Full, #2 & BB	40
95255			Extra Full T&F	40
95257	Ulti-Full	30		

*** Lead shot** patterns will vary substantially with the extra-full steel shot tube depending on shell length, shot size, brand of ammunition and the individual barrel. The shooter is urged to conduct **lead shot** pattern tests with this tube before field use.

SLUGS: Overbored **91 Model** Accu-Mag barrels are designed for lead or steel pellet shot loads only. We specifically disclaim any responsibility for damage or injury resulting from firing slugs (single projectile ammunition) through overbored barrels. Use only **91 Model** barrels designed specifically for slug shooting.

ACCU-MAG, LEAD SHOT, ULTI-FULL TUBE

The NATIONAL WILD TURKEY FEDERATION has determined that the average distance at which turkeys are most effectively taken, under average environmental conditions and surroundings is 30 yards.

Subsequently Mossberg designed and manufactured this highly specialized choke tube for #4 or #6 lead shot to yield a high core concentration and high pellet count in a 20 inch circle at 30 yards. Shot patterns at distances greater than 30 yards will be less dense.

These special purpose "**Turkey Tubes**" are specifically designed for use with **Lead Shot** loads only.

Do not shoot steel shot through Extra Full turkey tubes as it may result in barrel damage.

Test results are averages and individual shotgun performance may vary. We recommend pattern tests with several brands of ammo and at various distances to familiarize yourself with your shotgun's performance at various distances.

PISTOL GRIP INSTALLATION

BEFORE PERFORMING ANY DISASSEMBLY OR ASSEMBLY PROCEDURE:

a. Move the safety button fully to the right to the "ON" (SAFE) position and keep muzzle pointed in a safe direction.

b. Open the action, visually and physically check chamber, elevator and magazine tube to be certain the firearm is unloaded.

To Remove Buttstock:

1) Loosen the top screw holding the recoil pad or buttplate on stock. Note: Most models use Phillips head screws.

2) Loosen and remove the bottom recoil pad or buttplate screw.

3) Swing the recoil pad or buttplate around the top screw which will allow access to the stock bolt through the stock butt hole.

4) Check stock bolt head configuration. Some models use a slotted head, others use a 1/2 in. hex head.

5) Loosen and remove stock bolt by turning it counterclockwise. The stock may now be removed from the receiver.

Installation of Pistol Grip:

1) Align mounting hole in pistol grip with threaded hole in rear of the receiver.

2) Slip washers on bolt. Insert bolt through pistol grip into hole in receiver. Finger tighten bolt to insure threads are properly engaged. If you encounter difficulty, unscrew both and repeat procedure.

3) Using Allen wrench supplied, tighten bolt very snugly.

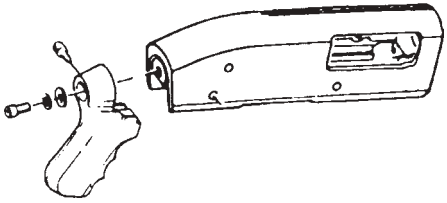


Fig. 16

Upon firing, recoil force will cause the shotgun to move rearward and upward. Never hold the shotgun at eye level and attempt to sight down the barrel. To avoid possible injury, grip the shotgun securely with one hand on the forearm and one hand on the pistol grip. Pistol grip models are designed to be held at waist level when firing.

HEAT SHIELD

BEFORE PERFORMING ANY DISASSEMBLY OR ASSEMBLY PROCEDURE:

a. Move the safety button fully to the right to the “ON” (SAFE) position and keep muzzle pointed in a safe direction.

b. Open the action, visually and physically check chamber, elevator and magazine tube to be certain the firearm is unloaded.

HEAT SHIELD INSTALLATION

NOTE: The heat shield can only be installed on 12 ga., plain barrel models.

1) Follow barrel removal procedures as described in this Owner’s Manual.

2) Carefully remove front sight by turning it counterclockwise. Take precautions to insure you do not damage the barrel finish.

3) Slide heat shield onto barrel from muzzle end. Large ring on heat shield is positioned towards rear of barrel.

4) With the heat shield on the barrel, ue a small padded “C” clamp or a vise, to close the forward clamp of the heat shield.

5) Position the appropriate length plastic spacer or optional bushing style spacers between the forward clamp. Insert the two screws and start the two hex nuts on the screws using a 7/64" hex key wrench and a 5/16" open end or box wrench. DO NOT FULLY TIGHTEN THE TWO SCREWS YET (Fig. 17).

6) Reassemble barrel to action.

When securing heat shield, barrel must be attached to shotgun. Barrels with heat shield secured are not interchangeable without proper refitting of heat shield to gun as described in the above procedure.

Make sure takekdown screw is secure and the barrel is fully seated before proceeding to the next step.

7) Position heat shield so that the rear (large ring) butts up against the front of the receiver.

8) Using a 7/64" Allen wrench and a 5/16" open end or box wrench, tighten the clamp screws to securely hold the heat shield in place. DO NOT OVERTIGHTEN THE SCREWS.

9) Reinstall front sight.

Whenever the heat shield barrel is removed from the shotgun, repeat the above steps 5-8 to insure that the shield is not preventing the barrel from being seated fully.

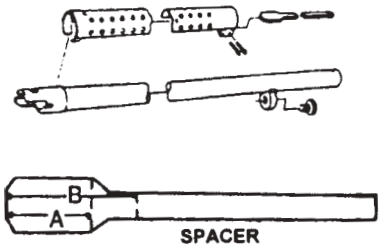


Fig. 17

88™ MODELS: 6-SHOT CUT AT 1 5/16" (A)

SERVICE INSTRUCTIONS

Should your firearm, or any component of your firearm require service, kindly ship your entire firearm (please do not send components only), via your chosen carrier, postage paid (we do not accept C.O.D. shipments) following these instructions:

- **Make absolutely certain your firearm is unloaded.**
- **Do not send ammunition with your firearm.**
- Remove all accessories from your firearm such as scopes, slings, swivels, mounts, etc.
- Ship your firearm in a suitable container, packaging it securely to prevent parts from shifting and/or harm during shipping.
- Include a note with a clear description of the service you wish us to perform, your complete return shipping address (no P.O. boxes please), your daytime telephone number and your e-mail address (if available). It is advisable to place your correspondence inside your shipping container when shipping.

SHIPPING ADDRESS
Product Service Center
Maverick Arms Inc.
1001 Industrial Blvd.
Eagle Pass Industrial Park
Eagle Pass, TX 78853
Attn: Repair

If you have any questions, please contact us at (830) 773-9007

TO ORDER PARTS FROM US
To order parts from the Product Service Center, you can fax, phone, mail, or e-mail your order to us at one of the below numbers/addresses.

Fax Number:	(830) 773-5893
Phone Number:	(830) 773-9007
E-mail Address:	service@mossberg.com
Mailing Address:	Product Service Center Maverick Arms Inc. 1001 Industrial Blvd. Eagle Pass Industrial Park Eagle Pass, TX 78853 Attention: Order Department

Please provide your name, address, city, state, zip, your daytime phone number and e-mail address. We'll need Model #, Serial #, Gauge/Caliber, Finish, Part # and Part Name. We have a $7.50 (U.S.) minimum parts order charge. We accept most major credit cards, money orders, and bank drafts.

Service outside of the U.S.A.
For Mossberg firearm parts and service requirements outside of the United States, customers are requested to contact the closest Mossberg stocking dealer/distributor.

MAVERICK ARMS, INC. WARRANTY
88™ AND 91™ PUMP-ACTION SHOTGUNS
ONE (1) YEAR LIMITED WARRANTY

Limited Warranty: Maverick Arms, Inc. ("Maverick") warrants to you, the original retail purchaser of a new Maverick® pump-action shotgun (the "firearm"), that the Maverick firearm will be free of defects in material or manufacture for a period of one (1) year from the date of your purchase of the new Maverick firearm (the "Warranty Period") in the United States or Canada. This is the only express warranty on the Maverick firearm. MAVERICK MAKES NO OTHER WARRANTIES OF ANY KIND OR CONDITIONS, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State.

Purchaser's Remedy: During the Warranty Period, Maverick will, at its sole option, (1) repair the Maverick firearm or any part thereof that, upon examination and testing by Maverick, does not conform to the Limited Warranty without charge to you for parts or labor, or (2) replace the Maverick firearm with a new or similar model. THIS REMEDY SHALL BE YOUR EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY. MAVERICK SHALL NOT BE RESPONSIBLE FOR ANY OTHER EXPENSES, LOSSES OR INCONVENIENCE THAT YOU MAY SUSTAIN AS A RESULT OF THE PURCHASE, USE, MALFUNCTION OR DEFECTIVE CONDITION OF THE MAVERICK FIREARM. Maverick reserves the right to inspect, examine and/or test the Maverick firearm to assess any claim made under the Limited Warranty.

EXCLUSIONS: THIS WARRANTY DOES NOT COVER THE COSMETIC APPEARANCE OF THE MAVERICK FIREARM OR ANY DAMAGE CAUSED BY:

(1) NORMAL WEAR AND TEAR;
(2) FAILURE TO PERFORM PROPER CARE AND MAINTENANCE;
(3) ACCIDENTS, ABUSE OR NEGLECT;
(4) BARREL OR BORE OBSTRUCTIONS;
(5) FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS THAT ACCOMPANY THE MAVERICK FIREARM; OR
(6) THE USE OF DEFECTIVE, NON-SAAMI STANDARD, REMANUFACTURED, HAND-LOADED, AND/OR RELOADED AMMUNITION.

IN ADDITION, ANY UNAUTHORIZED REPAIRS, ALTERATIONS OR MODIFICATIONS TO THE MAVERICK FIREARM WILL AUTOMATICALLY VOID THE LIMITED WARRANTY.

LIMITATION OF DAMAGES: EXCEPT WHERE PROHIBITED BY LAW, MAVERICK WILL NOT BE LIABLE FOR ANY LOSS OR DAMAGE WHATSOEVER ARISING FROM THE USE OF THIS MAVERICK FIREARM, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE, REGARDLESS OF THE LEGAL THEORY ASSERTED, INCLUDING CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. SOME JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

Warranty Service: To obtain service under this Limited Warranty, you must follow the instructions found in the "Service Instructions" section of the Owner's Manual and return the Maverick firearm to the authorized Product Service Center. You are responsible for all shipping costs to the Product Service Center. Maverick will not accept COD shipments of any Maverick firearm for service. After repair or replacement, the Maverick firearm or a similar model will be returned to you, return postage paid by Maverick. If we replace the Maverick firearm, we will keep the firearm that you returned to Maverick.

Modification of Warranty: No agent, representative, distributor, or authorized dealer of Maverick firearms has any authority to modify the terms or conditions of the Limited Warranty in any way. The Limited Warranty may only be modified in writing by an authorized officer of Maverick.

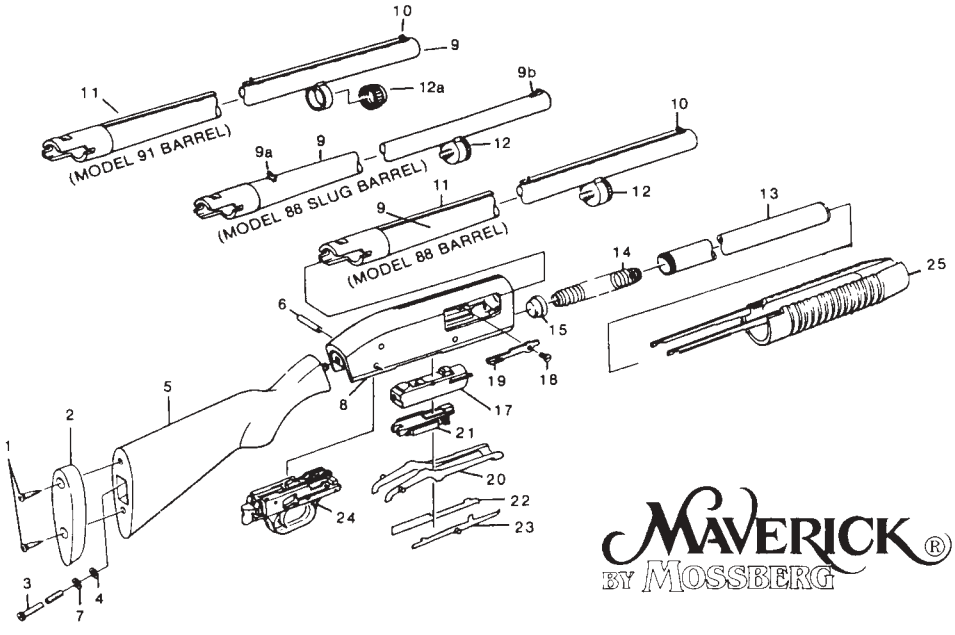
THIS LIMITED WARRANTY IS EFFECTIVE JANUARY 1, 2003.

PARTS LIST

ITEM NO.	DESCRIPTION
1.	Recoil pad screw
2.	Recoil pad
3.	Stock bolt
4.	Stock bolt washer
5.	Stock
6.	Trigger housing pin
7.	Stock bolt lockwasher
*8.	Receiver
9.	Barrel assembly
9a.	Rear sight assembly
9b.	Front sight ramp
10.	Bead sight
11.	Vent. rib
12.	T.D. screw assembly (M 88)
12a.	Magazine cap (M 91)
13.	Magazine tube
14.	Magazine spring
15.	Magazine follower
*17.	Bolt assembly
18.	Ejector screw
19.	Ejector
20.	Elevator assembly
*21.	Bolt slide
22.	Cartridge stop
23.	Cart. interrupter
*24.	Trigger housing assembly
25.	Forearm assembly

*Parts marked with an asterisk on parts list are reserved for qualified gunsmiths only.

88™ AND 91™ MODELS



MAVERICK® BY MOSSBERG

NOTES

NOTES

FIREARMS SAFETY DEPENDS ON YOU. MAKE NO MISTAKE ABOUT IT!

From the time an individual picks up a firearm, that individual shooter becomes a part of a system over which he has complete control. He is the only part of the system that can make a gun safe – or unsafe. Hunting and target shooting are among the safest of all sports. This booklet is intended to make them even safer – by re-emphasizing and reaffirming the basics of safe gun handling and storage and by reminding each individual shooter that he or she is the key to firearms safety. You can help meet this responsibility by enrolling in hunter safety or shooting safety courses. You must constantly stress safety when handling firearms, especially to children and non-shooters. Newcomers in particular must be closely supervised when handling firearms with which they may not be acquainted. Don't be timid when it comes to gun safety. If you observe anyone violating any safety precautions, you have an obligation to suggest safer handling practices, such a those in this booklet. Please read these rules carefully and follow the safety procedures outlined. Firearms safety is up to you. Make no mistake about it.

1. **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION**
2. **FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE**
3. **DON'T RELY ON YOUR GUN'S "SAFETY"**
4. **BE SURE OF YOUR TARGET AND WHAT'S BEYOND IT**
5. **USE CORRECT AMMUNITION**
6. **IF YOUR GUN FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH CARE**
7. **ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING**
8. **BE SURE THE BARREL IS CLEAR OF OBSTRUCTIONS BEFORE SHOOTING**
9. **DO NOT ALTER OR MODIFY YOUR GUN, AND HAVE GUNS SERVICED REGULARLY**
10. **LEARN THE MECHANICAL AND HANDLING CHARACTERISTICS OF THE FIREARM YOU ARE USING**

Courtesy of
Sporting Arms and Ammunition Manufacturers' Institute, Inc.